

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 09-315957

(43)Date of publication of application : 09.12.1997

(51)Int.Cl.

A61K 9/70

A61K 9/70

A61K 9/70

A61K 9/70

A61K 31/565

A61K 31/57

A61K 47/30

(21)Application number : 08-171579

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(22)Date of filing :

28.05.1996

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(54) DEVICE FOR PERCUTANEOUS THERAPY

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a device for a percutaneous therapy, capable of inhibiting the leakage of a liquid medicine from a medicine-storing layer during the storage of the device by laminating a medicine release-controlling pressure-sensitive adhesive to a medicinereleasing surface.

SOLUTION: This device for a percutaneous therapy has at least three layers of (A), (B) and (C). (A) A medicine-impermeable backing material layer. (B) A medicine-storing layer disposed between the backing material layer and a medicine-releasing layer and containing a medicine in an amount effective for the therapy. (C) A medicinereleasing layer comprising a pressure-sensitive adhesive layer capable of controlling the release of the medicine. The device can prevent the deterioration of adhesivity by the interaction of an adhesive with the medicine during the storage of the device, and the increase of a skin irritation accompanied by the increase in the volume of a device by disposing a pressure-sensitive adhesive on the periphery of the device. After the device is adhered to the skin of a patient, the medicine in an amount effective for the therapy of the patient can accurately and surely be released from the device.
